

REMARKS/ARGUMENTS

This is a Response to the Office Action mailed October 4, 2006, in which a three (3) month Shortened Statutory Period for Response has been set, due to expire January 4, 2007. Nineteen (19) claims, including four (4) independent claims, were paid for in the application. Claim 1 has been cancelled. No new matter has been added to the application. No fee for additional claims is due by way of this Amendment. The Director is authorized to charge any fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 19-1090. Claims 53-70 are pending.

Rejections Under 35 U.S.C. § 102(a)

Claim 1 was rejected under 35 U.S.C. § 102(a) as being anticipated by Berggren et al., "An Integrated Superconductive Device Technology for Qubit Control," in Proceedings of the 1st International Conference on Experimental Implementation of Quantum Computation, Sydney, Australia, January, 2001 (hereinafter "Berggren").

With this amendment, claim 1 has been cancelled. After entry of this amendment, the pending claims will be claims 53-70. While Applicants do not agree with the Examiner's reasoning for this rejection, they have nevertheless cancelled claim 1. Therefore, Applicants request that the rejection be withdrawn.

Obviousness-Type Double Patenting Rejections

The Examiner has rejected claims 53-70 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-43 of U.S. Patent No. 6,803,599 to Amin et al. Applicants are submitting herewith a terminal disclaimer pertaining to U.S. patent 6,803,599, thus overcoming the double patenting rejections.

Conclusion

In light of the above amendments and remarks, Applicants respectfully submit that all pending claims are allowable. Applicants, therefore, respectfully request that the Examiner reconsider this application and timely allow all pending claims. Examiner Crane is

encouraged to contact Mr. Abramonte by telephone to discuss the above and any other distinctions between the claims and the applied references, if desired. If the Examiner notes any informalities in the claims, he is encouraged to contact Mr. Abramonte by telephone to expediently correct such informalities.

Respectfully submitted,
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Terminal Disclaimer

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